Defoamer/deaerator for waterborne formulations

TEGO® Foamex 816

DESCRIPTION

TEGO® Foamex 816 is a highly effective defoamer concentrate based on polyether siloxane technology for the grinding stage. Especially for architectural paints.

KEY BENEFITS

- suitable for medium- to high-PVC formulations
- recommended for addition to the grinding and let-down stage
- for high viscose formulations

APPLICATION RECOMMENDATION

Brush application/roller application

Airless spraying

Compressed air spraying

Flexo/gravure printing

Dip coating, flow coating, curtain coating

Flooring

SUITABILITY

waterborne	solventborne
●	○
2-pack 100%	**radiation-curing**
○	○
addition to the grinding stage	**addition to the let-down stage**
●	◐

○ not suitable ◐ partly suitable ● suitable

TYPICAL APPLICATIONS

- Architectural paints
- Floor coatings

TECHNICAL DATA

active matter content	100 %
appearance	hazy liquid
chemical description	polyether siloxane copolymer, contains fumed silica
solvent	solvent-free

SOLUBILITY

Water	Ethanol
○	◐
TPGDA	**Butylacetate**
◐	◐
Mineral Spirits	
◐	

○ not soluble ◐ partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.05 - 0.5 %

PROCESSING INSTRUCTIONS

- Stir before use!
- Addition to the coating as supplied or as a predilution is possible.
- The product needs to be incorporated with high shear forces.
- Long term effectiveness of the product is dependent on the formulation and should be tested in individual formulations.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com

EVONIK Leading Beyond Chemistry